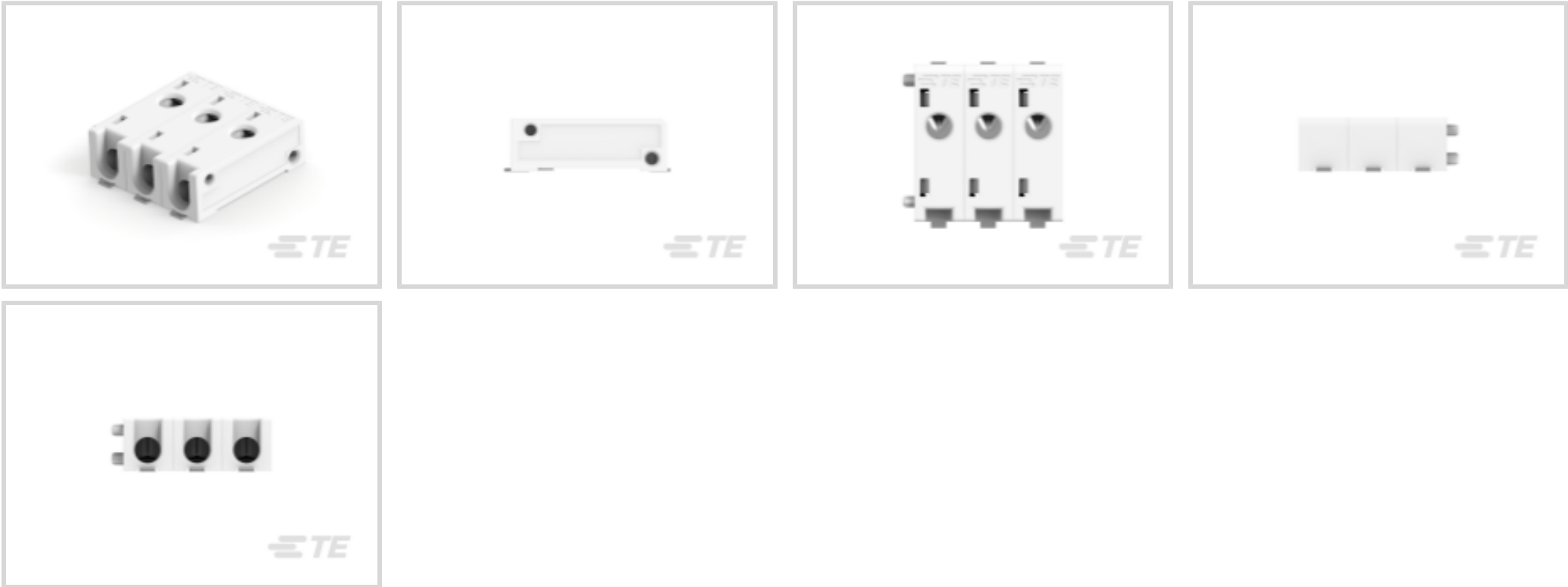




Connectors > Lighting Connectors > Poke-In Connectors > Poke-In Connector, BUCHANAN WireMate



Connector System: **Wire-to-Board**
Centerline (Pitch): **4 mm**
Connector & Contact Terminates To: **Printed Circuit Board**
Connector Height: **4.48 mm [.176 in]**
Termination Method to Printed Circuit Board: **Surface Mount**

[All Poke-In Connector, BUCHANAN WireMate \(51\)](#)

Features

Product Type Features

Product Line	Poke-In
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Operating Voltage	400 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	6 A



Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	4 mm
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Dimensions

Compatible Insulation Diameter Range	2.1 mm
Connector Height	4.48 mm[.176 in]
Wire Size	18 – 22 AWG

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

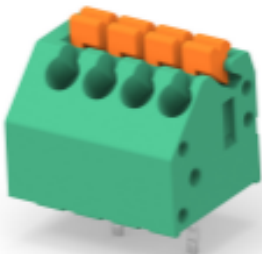
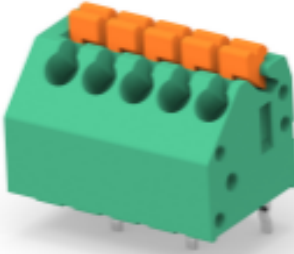
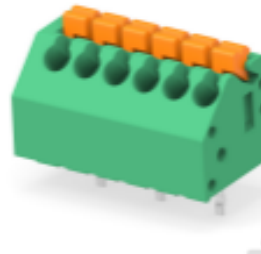
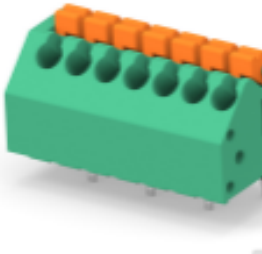
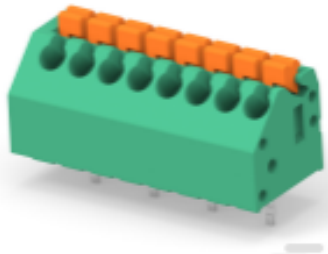
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent



chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # CAT-B8519-P7565 Poke-In Connector, BUCHANAN WireMate	 TE Part # 2325807-2 LUMAWISE Z45 LED HOLDER 19X19	 TE Part # 1-2834011-2 2POS 3.5MM TOP ENTRY SCREWLESS CONN.	 TE Part # 1-2834011-3 3POS 3.5MM TOP ENTRY SCREWLESS CONN.
 TE Part # 1-2834011-4 4POS 3.5MM TOP ENTRY SCREWLESS CONN.	 TE Part # 1-2834011-5 5POS 3.5MM TOP ENTRY SCREWLESS CONN.	 TE Part # 1-2834011-6 6POS 3.5MM TOP ENTRY SCREWLESS CONN.	 TE Part # 1-2834011-7 7POS 3.5MM TOP ENTRY SCREWLESS CONN.
 TE Part # 1-2834011-8 8POS 3.5MM TOP ENTRY SCREWLESS CONN.	 TE Part # 2271180-3 PLUG, 2PIN WIRE TO WIRE CONNECTOR	 TE Part # 2271183-3 RECEPTACLE, 2PINS WIRE TO WIRE CONNECTOR	 TE Part # 6-2834006-0 5P_2 SPACER MRPK_WE/BK SR/RD /BK SR/WE
 TE Part # 7-2834006-0 5P_2 SPACER MRPK_RD/RD SR/WE /WE SR/BK	 TE Part # 8-2834006-0 5P_2 SPACER MRPK_WE/WE SR/BK /BK SR/RD		

Customers Also Bought



TE Part #DT04-3P-C015
REC, 3P, GRY, E

TE Part #640456-6
06P MTA100 HDR ASSY F/L SQ STR

TE Part #5-2834006-2
Poke-In Connector, BUCHANAN WireMate

TE Part #2834334-3
4.0 ITB CONN_3P MODULAR_W CAP_ALL WHITE

TE Part #640389-4
04P MTA156 HDR ASSY SQ R/A F/L

TE Part #1825027-5
FSMRA2JH04=R/A,TACT PB SW,160G

TE Part #325401000-00
100MBAR ABSOLUTE BOARD MNT SENSOR

TE Part #1461400-5
OJE-SH-124DM,000

TE Part #2040910-1
SEMI-HARD TRAY ASSY DDR 200P VERTICAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2834006-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2834006-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2834006-3_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Modular Releasable Poke-in datasheet

English

BUCHANAN WireMate Connectors Brochure



[BUCHANAN WireMate Connectors Brochure](#)

English

[Modular Releasable Poke-in datasheet \(Chinese\)](#)

[Product Specifications](#)

[Quality Specification](#)

English

[Instruction Sheets](#)

[Instruction Sheet \(non U.S.\)](#)

English